## **CLAIMS**

Having thus described our invention, what we claim as new and desire to secure by Letters Patent is as follows:

1	1. A filter for use in a recirculating tank, comprising:
2	aggregate material; and
3	a mattress-like woven material encapsulating the aggregate material, a
4	weave of the mattress-like woven material being smaller than the aggregate
5	material thereby preventing migration of the aggregate material.
1	2. The filter of claim 1, wherein the aggregate material is synthetic particles.
1	3. The filter of claim 2, wherein the synthetic particles are propylene or
2	polychloride.
1	4. The filter of claim 2, wherein the synthetic particles have a specific gravity
2	of approximately .9 +/- 3%.
1	5. The filter of claim 4, wherein the synthetic particles prevent compaction of
2	the filter.
1	6. The filter of claim 1, wherein the aggregate material ranges in diameter
2	from .05mm to 1 ½ inches diameter.
1	7. The filter of claim 1, wherein the woven material is fabric or a synthetic
2	material.
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1	8. The filter of claim 1, wherein the synthetic material is propylene or ethylene
2	clothing.
1	9. The filter of claim 1, wherein only a single sized aggregate is encapsulated
2	in the woven cloth.
1	10. A recirculating filter system adapted for use in a septic system,
2	comprising:
3	a tank;
4	at least one mattress-like filter placed within the tank, the mattress-like
5	filter having aggregate material sealed therein.
1	11. The recirculating filter system of claim 10, wherein at the at least one
2	mattress-like filter is at least two mattress-like filters.
1	12. The recirculating filter system of claim 11, wherein each of the mattress-
2	like filters have a different sized aggregate sealed therein.
1	13. The recirculating filter system of claim 12, wherein a finer sized aggregate
2	filled mattress-like filter of the at least two mattress-like filters is placed on top
3	of a larger sized aggregate filled mattress-like filter of the at least two
4	mattress-like filters within the tank.
1	14. The recirculating filter system of claim 10, wherein the aggregate material
2	is synthetic particles.

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1	15. The recirculating filter system of claim 14, wherein the synthetic particles
2	are propylene or polychloride.
1	16. The recirculating filter system of claim 14, wherein the synthetic particles
2	have a specific gravity of approximately .9 +/- 3%.
1	17. The recirculating filter system of claim 10, wherein the at least one
2	mattress-like filter is made from fabric or a synthetic material.
1	18. The recirculating filter system of claim 17, wherein the synthetic material
2	is propylene or ethylene clothing.
1	19. The recirculating filter system of claim 18, wherein a weave of the fabric
2	or the synthetic material is small than a diameter of the aggregate material
3	sealed therein thus preventing migration thereof.
1	20. The recirculating filter system of claim 10, wherein the tank includes
2	troughs integrally formed in at least the bottom and sides thereof.
1	21. The recirculating filter system of claim 20, further comprising a sheet
2	placed over the troughs of the side of the tank.
1	22. The recirculating filter system 10, wherein the tank is a precast concrete or
2	a synthetic material.
1	23. The recirculating filter system of claim 22, wherein the tank includes a
2	flange and ribs disposed about a periphery thereof.